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SP-1212.1 US

10/034687

Ray, et al.

December 20, 2001

1745

[illegible][illegible]

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FORM PTO-1449
(Rev. 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
SP-1212.1 (EVE01 P-778)

SERIAL NO.

**INFORMATION DISCLOSURE
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APPLICANTS
Robert E. Ray, Jr. et al.

FILING DATE

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UC932 U.S. PTO
10/034687
12/20/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC		5	6	6	7	9	1	2	09/16/97	Georgopoulos	429	170	
AC		5	5	8	8	9	7	0	12/31/96	Hughett et al.	29	623.2	
AC		5	5	3	2	0	7	5	07/02/96	Alexandres et al.	429	54	
AC		5	2	2	7	2	6	1	07/13/93	Georgopoulos	429	56	
AC		5	0	8	0	9	8	5	01/14/92	Wiacek et al.	429	172	
AC		4	6	7	2	0	1	0	06/09/87	Tucholski et al.	429	56	
AC		4	5	6	7	1	1	8	01/28/86	Connelly	429	53	
AC		4	4	3	1	7	1	6	02/14/84	Eppley et al.	429	53	
AC		4	3	6	6	2	1	3	12/28/82	Tamminen	429	110	
AC		3	9	8	0	5	0	0	09/14/76	Sorenson et al.	429	54	
AC		3	9	6	7	9	7	7	07/06/76	Affeldt	136	133	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
AC			9	6	2	7	3	6	02/11/75	Canada				
AC			9	5	9	9	2	6	12/24/74	Canada				
AC		0	3	4	9	1	5	6	01/03/90	EPC				
AC	WO	9	9	6	5	0	9	1	12/16/99	PCT				
AC		0	0	1	1	9	8	1	01/14/00	Japan			X	
AC		3	0	7	7	2	1	5	06/16/00	Japan			X	
AC		09	1	5	3	3	5	1	06/10/97	Japan			Abst. only	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

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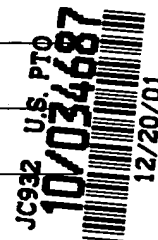
EXAMINER

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(Form PTO-1449 [6-4])

FORM PTO-1449 (Rev. 2-32)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO.	SERIAL NO.
		SP-1212.1 (EVE01 P-778)	
		APPLICANTS Robert E. Ray, Jr. et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		FILING DATE	GROUP



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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
AC	3 9 2 3 5 4 8	12/02/75	Bell et al.	136	133	
AC	3 4 9 7 1 0 4	02/24/70	White	220	44	
AC	3 0 6 2 9 1 0	11/06/62	Schenk, Jr.	136	133	
AC	2 0 6 0 7 9 9	11/17/36	Drummond	136	133	
AC	1 6 5 0 3 1 9	11/22/27	Briggs			
AC	4 5 4 5 9 8	06/23/1891	Hathaway			

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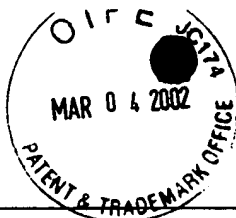
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
AC ✓	09 2 4 5 7 5 8	09/19/97	Japan			Abst. only	
AC ✓	08 2 5 0 0 8 3	09/27/96	Japan			Abst. only	
AC ✓	05 1 4 4 4 4 5	06/11/93	Japan			Abst. only	
AC ✓	05 1 8 2 6 4 8	07/23/93	Japan			Abst. only	
AC ✓	05 3 2 5 9 2 9	12/10/93	Japan			Summary	
AC ✓	200 0 1 3 8 0 4 1	05/16/00	Japan			Summary	
AC ✓	42 1 6 1 9 7 2	02/05/72	Japan			X	
AC ✓	5 4 1 0 0 8	06/24/68	Japan			X	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	<i>Shay Cantel</i>	DATE CONSIDERED	11/18/03
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Sheet 1 of 1

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		APPLICANTS Robert E. Ray, Jr. and James Xixian Wu	
		FILING DATE December 20, 2001	GROUP

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2 2 1 5 1 1 9	9/13/89	United Kingdom				

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